

**Fairchild Semiconductor Corporation
Cumberland County
South Portland, Maine
A-370-71-R-M (SM)**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #1**

After review of the air emissions license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

1. Fairchild Semiconductor Corporation (Fairchild Semiconductor) of South Portland, Maine was issued Air Emission License A-370-71-Q-R on May 9, 2003, permitting the operation of emission sources associated with their semiconductor manufacturing facility.
2. Fairchild Semiconductor has requested a minor revision to their license in order to license an emergency scrubber system to abate HCL/TCS gas from the Bulk Gas Delivery System in the event of an accidental release.

B. Application Classification

This amendment will not increase emissions of any pollutant. Therefore, this modification is determined to be a minor revision and has been processed as such.

C. Emission Equipment

The Emergency Release Scrubber (designated emission point EF 6-2), consists of a dual scrubber followed by a mist eliminator. The scrubber system is connected to rupture disks on storage containers which will be used to store large quantities of TCS and HCL gas. The scrubber fans and controls run continuously and exhaust air from various enclosures which contain HCL/TCS piping. In the event of an accidental release, determined by a number of Toxic Gas Monitoring Points, water will be turned on to the scrubber and the toxic gases abated to a safe concentration.

The Emergency Release Scrubber represents BACT for control of the Bulk Gas Delivery System.

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ORDER

The Department hereby grants Air Emission License Minor Revision A-370-71-R-M, subject to the conditions found in Air Emission License A-370-71-Q-R, and the following condition:

(32) **Term of License**

This amendment shall expire concurrently with Air Emission License A-370-71-Q-R. [MEDEP Chapter 115]

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2003.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: November 21, 2003

Date of application acceptance: November 24, 2003

Date filed with the Board of Environmental Protection: _____

This Order prepared by Rachel E. Pilling, Bureau of Air Quality.